

Db 23 ARPCIPKSFYGSVVCVNCNATYCDSDPPTFPALGTFSTRYSRSTRSGRMELSMGPIQANH 82

Qy 61 TGTGLLLTLQPEQKFKVKVGGAMTDAALNIALSPPAQNLLKSYFSEEG----- 113
 |||

Db 83 TGTGLLLTLQPEQKFKVKVGGAMTDAALNIALSPPAQNLLKSYFSEEGIGYNIIR 142

Qy 114 ----- 113

Db 143 VPMASCFDSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLIHRALQLAQRVSLASPWT 202

Qy 114 ----- 113

Db 203 SPTWLKTINGAVNGKSLKGQPGDIYHQTWARYFVKFLDAYAEHLQFWAVTAENEPSAGL 262

Qy 114 -----VRLMLNDQRLLLPHWAKVVLTDPE 138
 |||

Db 263 LSGYPFQCLGFTPEHQRFIARDLGPITLANSTHNVRLMLDDQRLLPHWAKVVLTDPE 322

Qy 139 AAKYVHGIAVHWYLDLAPAKATLGETHRLFPNTMLFASEACVGSKFWEQSVRLGSWDRG 198
 |||

Db 323 AAKYVHGIAVHWYLDLAPAKATLGETHRLFPNTMLFASEACVGSKFWEQSVRLGSWDRG 382

Qy 199 MQYSHSIIITNLLYHVVGWTDWNLALNPEGGNWVRFVDSPIIVDITKDTFYKQPMFYHL 258
 |||

Db 383 MQYSHSIIITNLLYHVVGWTDWNLALNPEGGNWVRFVDSPIIVDITKDTFYKQPMFYHL 442

Qy 259 GHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVAVVVVLRSSKDVPLTIKDPVAVGFL 318
 |||

Db 443 GHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVAVVVVLRSSKDVPLTIKDPVAVGFL 502

Qy 319 ETISPGYSIHTYLWHRQ 335
 |||

Db 503 ETISPGYSIHTYLWHRQ 519

; OTHER INFORMATION: High mannose human glucocerebrosidase (GCD)
 US-10-554-387-14

Query Match 94.6%; Score 1695; DB 5; Length 526;
 Best Local Similarity 67.2%; Pred. No. 2.6e-167;
 Matches 334; Conservative 1; Mismatches 0; Indels 162; Gaps 1;

Qy 1 ARPCIPKSFYGSVVCVNCNATYCDSDPPTFPALGTFSTRYSRSTRSGRMELSMGPIQANH 60
 |||

Db 23 ARPCIPKSFYGSVVCVNCNATYCDSDPPTFPALGTFSTRYSRSTRSGRMELSMGPIQANH 82

Qy 61 TGTGLLLTLQPEQKFKVKVGGAMTDAALNIALSPPAQNLLKSYFSEEG----- 113
 |||

Db 83 TGTGLLLTLQPEQKFKVKVGGAMTDAALNIALSPPAQNLLKSYFSEEGIGYNIIR 142

Qy 114 ----- 113

Db 143 VPMASCFDSIRTYTYADTPDDFQLHNFSLPEEDTKLKIPLIHRALQLAQRVSLASPWT 202

Qy 114 ----- 113

Db 203 SPTWLKTINGAVNGKSLKGQPGDIYHQTWARYFVKFLDAYAEHLQFWAVTAENEPSAGL 262

Qy 114 -----VRLMLNDQRLLLPHWAKVVLTDPE 138
 |||

Db 263 LSGYPFQCLGFTPEHQRFIARDLGPITLANSTHNVRLMLDDQRLLPHWAKVVLTDPE 322

Qy 139 AAKYVHGIAVHWYLDLAPAKATLGETHRLFPNTMLFASEACVGSKFWEQSVRLGSWDRG 198
 |||

Db 323 AAKYVHGIAVHWYLDLAPAKATLGETHRLFPNTMLFASEACVGSKFWEQSVRLGSWDRG 382

Qy 199 MQYSHSIIITNLLYHVVGWTDWNLALNPEGGNWVRFVDSPIIVDITKDTFYKQPMFYHL 258
 |||

Db 383 MQYSHSIIITNLLYHVVGWTDWNLALNPEGGNWVRFVDSPIIVDITKDTFYKQPMFYHL 442

Qy 259 GHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVAVVVVLRSSKDVPLTIKDPVAVGFL 318
 |||

Db 443 GHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVAVVVVLRSSKDVPLTIKDPVAVGFL 502

Qy 319 ETISPGYSIHTYLWHRQ 335
 |||

Db 503 ETISPGYSIHTYLWHRQ 519

RESULT 13
 US-10-554-387-14
 ; Sequence 14, Application US/10554387
 ; Publication No. US20060204487A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shaaltiel, Yoseph
 ; APPLICANT: Baum, Gideon
 ; APPLICANT: Sharon Hashmueli
 ; APPLICANT: Ayala Lewkowicz
 ; APPLICANT: Bartfeld, Daniel
 ; TITLE OF INVENTION: PRODUCTION OF HIGH MAMMOSE PROTEINS IN PLANT CULTURE
 ; FILE REFERENCE: 30570
 ; CURRENT APPLICATION NUMBER: US/10/554,387
 ; CURRENT FILING DATE: 2005-10-25
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 14
 ; LENGTH: 526
 ; TYPE: PRT
 ; ORGANISM: Artificial sequence
 ; FEATURE:

RESULT 14
 US-11-790-991-14
 ; Sequence 14, Application US/11790991
 ; Publication No. US20080038232A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shaaltiel, Yoseph
 ; APPLICANT: Baum, Gideon
 ; APPLICANT: Bartfeld, Daniel
 ; APPLICANT: Hashmueli, Sharon
 ; APPLICANT: Lewkowicz, Ayala
 ; TITLE OF INVENTION: PRODUCTION OF HIGH MAMMOSE PROTEINS IN PLANT CULTURE
 ; FILE REFERENCE: 39244
 ; CURRENT APPLICATION NUMBER: US/11/790,991